

**THE EFFECT OF PRUNING ON THE OIL PALM PRODUCTION (REVIEW
PAPER)**

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Partial Fulfilment of the Requirements for the
Degree of Bachelor of Science (Hons.) Plantation Management and Technology
in the Faculty of Plantation and Agrotechnology
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DECLARATION

This Final Year Project is a partial fulfilment of the requirements for a degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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ABSTRACT

Pruning is one common maintenance activity by removing some part of the plants including leaves, branch and also fruit. The effect of pruning towards the oil palm production showed that the pruning will reduces in yield of oil palm. The oil palm yield will reduces when the removal of fronds due to facilitating of the harvesting process, maintenance pruning and the most significant when doing the excessive pruning. This related to the capacity to light intercept (LAI) and the leaf area (SLA). When the fronds is removed, the plant will face in reducing of the plant biomass then affect the LAI values and the PAR values also affected, thus reduce the yield. Other than that, the increase in abortion and lead to maleness will occur due to the physiological stress on the oil palm. The production of new leaf also will increase in leaf area ratio in respond to the removal of older fronds.